

Chains with Attachments, Joint Links

40, 50, 60, 80 Series

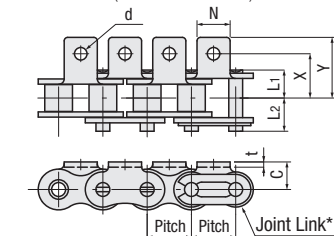
■ **Features:** Are standard chains with the Attachments and allow for conveyance of small workpieces, if desired.

Chains with Attachments Chains

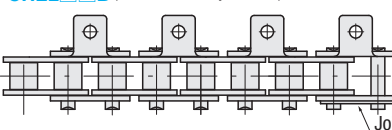


Attachment on One Side Type

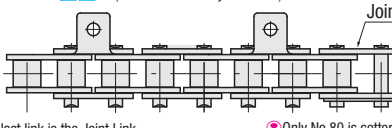
CHEL (Attachment on All Links)



CHEL (Attachment on Every Two Links)

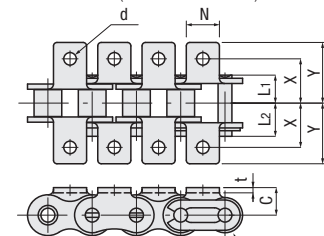


CHEL (Attachment on Every Four Links)

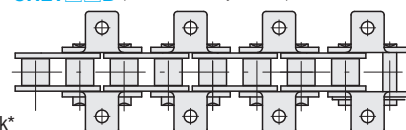


Attachment on Both Sides Type

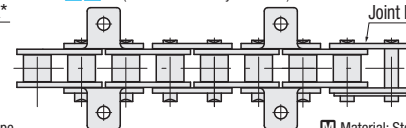
CHET (Attachment on All Links)



CHET (Attachment on Every Two Links)



CHET (Attachment on Every Four Links)



* The last link is the Joint Link.

Only No.80 is cotter pin shape.

M Material: Steel

Part Number			* Number of Links	Pitch	Pins		Plate	Attachment						Max. Allowable Tension kN (kgf)
Type	No.	Nominal			L ₁	L ₂	t	C	X	Y	N	d		
<div>CHEL (One Side Type)</div> <div>CHET (Both Sides Type)</div>	40	<div>A (All Links)</div> <div>B (Every Two Links)</div> <div>C (Every Four Links)</div>	4~	12.7	8.07	9.48	1.5	8.5	12.7	17.4	9.5	3.6	2.75 (280)	
	50		4~	15.875	10.17	11.63	2	10.5	15.9	22.3	12.7	5.2	4.41 (450)	
	60		4~	19.05	12.7	14.2	2.4	12.2	19.05	27.2	15.9	5.2	6.28 (640)	
	80		4~	25.4	16.15	19.25	3.2	15.88	25.4	35.2	19.1	6.8	10.69 (1090)	

* Use 2's multiples for "attachment on every link" and "attachment on every 2 links". Use 4's multiples for "attachment on every 4 links".

No.	Unit Price						Cutting Charge
	Attachment on One Side Type			Attachment on Both Sides Type			
	CHEL (A)	CHEL (B)	CHEL (C)	CHET (A)	CHET (B)	CHET (C)	
Specified Number of Links	Multiple of 2	Multiple of 2	Multiple of 4	Multiple of 2	Multiple of 2	Multiple of 4	
40							
50							
60							
80							

Number of Links per Unit

Part Number		Number of Links per Unit
Type	No.	
CHEL CHET	40	240 (Circumference Length 3,048mm)
	50	192 (Circumference Length 3,048mm)
	60	160 (Circumference Length 3,048mm)
	80	120 (Circumference Length 3,048mm)

When the ordered number of links exceeds the given number of links per unit, the qty. of links per unit and the extra qty. of links are packaged separately.
Ex.) For CHEL50A-300, 2 separate packages: 192 links x 1 unit + 108 links

Ordering Example
Part Number - Number of Links
CHEL40A - 200

Chains with Attachments Joint Link



JNT-L

JNT-T

M Material: Steel

Ordering Example
Part Number
JNT-L40

Part Number	JNT-L		JNT-T	
	Type	No.	Type	No.
JNT-L (One Side Type) JNT-T (Both Sides Type)	40		40	
	50		50	
	60		60	
	80		80	

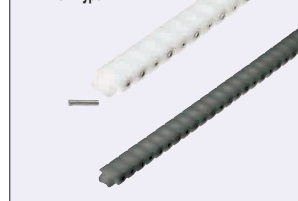
* For orders larger than indicated quantity, please request a quotation.

Engineered Plastic Block Chains / Dedicated Sprockets

1 Row Type, 2 Row Type

■ **Features:** Use the products in environments where workpieces must not be tainted with chain oil or must not be damaged. Generally, they are used for conveying cans, etc.

Engineering Plastic Block Chains 1 Row Type



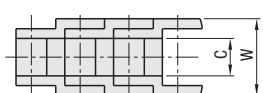
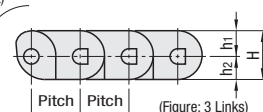
Engineering Plastic Block Chain 2 Row Type



Depending on the operating condition, premature wear might occur.

1 Row Type

CHEED (General Use)
CHEEC (Conductive)
CHEEH (Heat Resistant)
CHEEY (Chemical Resistant)

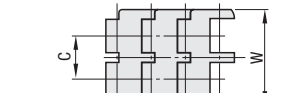
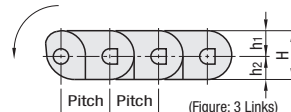


Chains only bend in the arrow direction but not in the opposite direction.

Part Number CHEEP60 is changed to CHEED60. Pin Shape: from Round to D.
Since the bending angle of chain is predetermined, specify the mating sprocket with the number of teeth: 14 or more.

2 Row Type

CHEE (General Use)
Select CHEES as Sprockets.



Chains only bend in the arrow direction but not in the opposite direction.

The pin shape of CHEE is changed from Round to D.

Part Number	Number of Links	Number of Rows	Usage	Color	Allowable Tension (N)	Allowable Chain Speed (m/min)	Coefficient of Sliding Friction μ_t	Reference Mass (kg/m)	Operating Temp. (°C)	Pitch	C	W	H	h1	h2	Number of Links per Unit	Unit Price
TYPE	No																1 Link Unit Price x Number of Links
CHEED	40	4~	Single	General Use	441	60	0.25	0.32	-5~65	12.7	7.95	20	12.7	6.7	6	240 (Circumference Length 3,048mm)	
CHEED	60				882												
CHEEC	40			Conductive	340	60	0.25	0.36	-20~80	12.7	7.95	20	12.7	6.7	6	240 (Circumference Length 3,048mm)	
CHEEH	40			Heat Resistant	440	100	0.25	0.36	-20~150	12.7	7.95	20	12.7	6.7	6	240 (Circumference Length 3,048mm)	
CHEEH	40			Chemical Resistant	White	250	60	0.25	0.36	-20~80	12.7	7.95	20	12.7	6.7	6	240 (Circumference Length 3,048mm)
CHEEY	40			General Use	White	1270	60	0.25	0.55	-5~65	12.7	14.4	32	12.7	6.4	6.3	240 (Circumference Length 3,048mm)
CHEE	40	2 Rows															

When the ordered number of links exceeds the given number of links per unit, the qty. of links per unit and the extra qty. of links are packaged separately.
Ex.) For CHEE-300, 2 separate packages: 240 links x 1 unit + 60 links



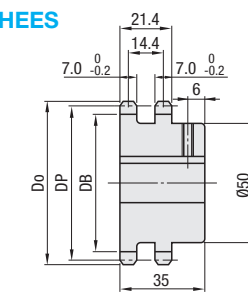
Ordering Example

Part Number - Number of Links
CHEED40 - 200
CHEE - 200

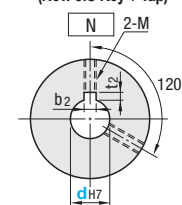
Sprocket for Engineering Plastic Block Chains - Double Strand



CHEES



Shaft Bore Specifications (New JIS Key + Tap)



Shaft Bore Dia. d	Keyway b x t	Set Screw M
20	6x2.8	6
25	8x3.3	8
30	8x3.3	8

M Material: EN 1.1191 Equiv.
S Surface Treatment: Bright Chromate Plating
A Accessory: Set Screw

Offset between tooth tip and keyway is ±0.5mm.

Part Number	Do	Dp	Root Dia. DB	Number of Teeth	Reference Mass (kg)	Unit Price
Type	dh7					
CHEES	20	68	65.1	57.15	16	0.6
	25					
	30					



Ordering Example

Part Number
CHEES20



Resistance Against Chemicals and Oils

Chemical Name	Spec. for General Use / Conductive Type	Spec. for Chemical Resistant Type
	CHEED CHEEC	CHEEY
Acetone	○	×
Oil (Vegetable, Mineral)	○	○
Alcohol	○	○
Ammonia Water	○	○
Sodium Chloride	○	○
Hydrochloric Acid (2%)	×	×
Seawater	△	△
Oxygenated Water	×	○
Sodium Hydroxide (Sodium Hydroxide 2%)	○	○
Gasoline	○	○
Formic Acid	×	○
Formic Aldehyde	○	○
Citric Acid	△	○

Chemical Name	Spec. for General Use / Conductive Type	Spec. for Chemical Resistant Type
	CHEED CHEEC	CHEEY
Chromic Acid	×	△
Acetic Acid	×	○
Carbon Tetrachloride	○	○
Sodium Hypochlorite	×	×
Nitric Acid (5%)	×	○
Potassium Hydrate	○	○
Soap Solution	○	○
Lactic Acid	○	○
Paraffin	○	○
Benzene	○	○
Iodine	×	×
Sulfuric Acid	×	×
Phosphoric Acid (10%)	×	△

Resistance Against Foods

Chemical Name	Spec. for General Use / Conductive Type	Spec. for Chemical Resistant Type
	CHEED CHEEC	CHEEY
Whiskey	○	○
Milk	○	○
Vinegar	△	△
Soft Drinks	○	○
Beer	○	○
Fruit Juice	○	○
Water	○	○
Vegetable Juice	○	○
Wine	○	○

CHEEH is intended for use in dry environments and cannot be used in wet environments where water is splashed.